

## FUEL ADDITIVE FOR SLAGGING PREVENTION AND METHOD FOR BURNING FUEL

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### Abstract of JP2003261890

<P>PROBLEM TO BE SOLVED: To provide a fuel additive which prevents slagging caused by ash contained in a fuel when the fuel, especially one having a high ash content such as coal or oil coke, is burned; and a method for burning a fuel by using the additive. <P>SOLUTION: The fuel additive is a composition prepared by dispersing, in water and/or oil, 10-60 wt.% at least one powdery compound having a particle size of 0.1-10 [ $\mu$ ]m and selected from among an Mg compound, an Si compound, and an Fe compound, 5-40 wt.% superfine particulate silica compound having a particle size of 3-200 nm, and an alkali metal compound (R=Na or K) in a concentration (in terms of R<sub>2</sub>O) of 0.02-2.5 wt.%. The additive is added to a liquid or solid fuel before burning. <P>COPYRIGHT: (C) 2003,JPO

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